



TORQUE AND LIMIT SWITCH OPERATION			
SWITCH	CLOSE ←	INTERMEDIATE	→ OPEN
CLS 1-2	[Symbol: Closed switch]		
CLS 1-3	[Symbol: Closed switch]		
OLS 1-2	[Symbol: Closed switch]		
OLS 1-3	[Symbol: Closed switch]		
ACLS 1-2	[Symbol: Closed switch]		
ACLS 1-3	[Symbol: Closed switch]		
AOLS 1-2	[Symbol: Closed switch]		
AOLS 1-3	[Symbol: Closed switch]		
CTS 1-3	* CLOSING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE		
OTS 1-3	* OPENING TORQUE SWITCH INTERRUPTS CONTROL IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE		
SYMBOL	DESCRIPTION	RATING	
CLS	CLOSE LIMIT SWITCH	250VAC 10A	
OLS	OPEN LIMIT SWITCH	250VAC 10A	
CTS	CLOSE TORQUE SWITCH	250VAC 10A	
OTS	OPEN TORQUE SWITCH	250VAC 10A	
ACLS	AUX. CLOSE LIMIT SWITCH	250VAC 16A	
AOLS	AUX. OPEN LIMIT SWITCH	250VAC 16A	
TP	THERMAL PROTECTOR	250VAC 15A	
*EACH ACTUATOR SHOULD BE POWERED THROUGH IT'S OWN INDIVIDUAL SWITCH OR RELAY CONTACTS TO PREVENT CROSS FEED BETWEEN TWO OR MORE ACTUATORS.			
HQ-300	1 PHASE WIRING DIAGRAM PCU		
HQ-200			
HQ-120			
HQ-080	DWG. NO HQ-15000-B		
HQ-060	DATE 31/10/11   ISSUE REF: B		
HQ-050	ACTUATED SOLUTIONS LTD TEL: (01243) 827469 FAX: (01243) 829418		
HQ-030			
HQ-020			
HQ-015			
APPLICATION			
DOC : WD-012 1-09-2008			